(U.S. COAST GUARD)

GULF OF MEXICO U.S.

IN 11-16-41

General Arrangt

New York S.H. Corp

No 173

S.S. Gulf of Mexico

Pha Rpt No 26234.

Now Raman

015172-015182-0111

Y YORK SHIPBUILDING CO.
CAMDEN, N. J., U. S. A.
BLUE PRINT ROOM
rint No. 41
ade AUG 8 1917
r Dep't MAIL

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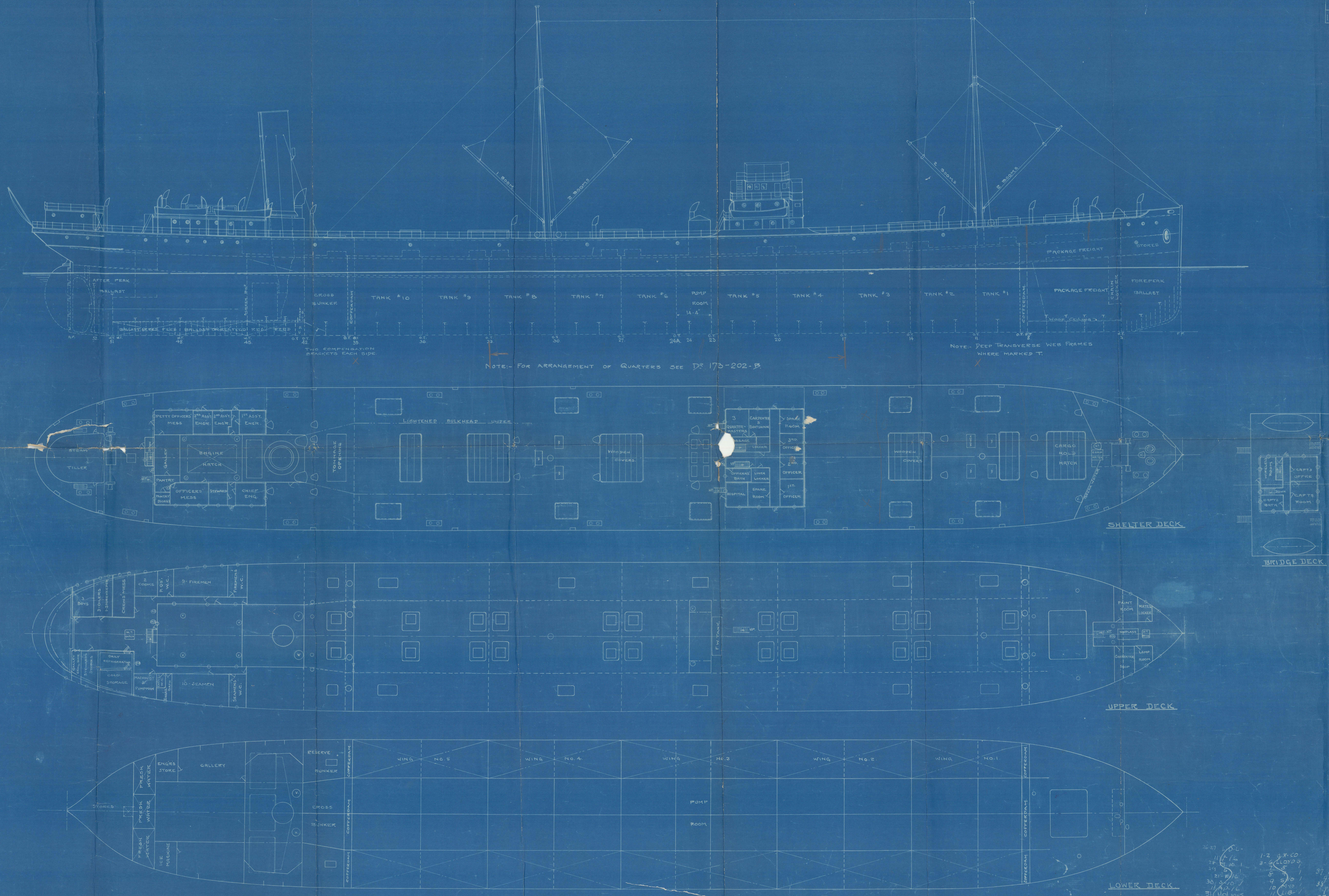
Lloyd's Register
Foundation

DATE	ALTERATION	O.K.
4 Dec. '15	Cofferdams put back	EHR
"	Pump room re-arranged	
"	Fo'cle bollards corrected.	
"	Shltr dk wing hatches moved clear of pump	
"	overboard discharge.	
"	Arrang! of Quarters referred to Dr. 173-202-B.	EHR
18-F-16	ARRG'T. OF QUARTERS CHANGED TO AGREE WITH DR. 173-202-B	


1 BOOM
2 BOOMS
2 BOOMS
2 BOOMS
PACKAGE FREIGHT
STORES
AFTER PEAK
BALLAST
SCREEN BHD.
CROSS BUNKER
COFFERDAM
TANK #10
TANK #9
TANK #8
TANK #7
TANK #6
PUMP ROOM
14'-4"
TANK #5
TANK #4
TANK #3
TANK #2
TANK #1
COFFERDAM
PACKAGE FREIGHT
CHAIN LOCKER
FOREPEAK
BALLAST
WOOD CEILING
BALLAST OR RES. FEED
BALLAST OR RES. FEED
RES. FEED
A.P.
52
W.T. 51
W.T. 48
W.T. 45
O.T. 42
O.T. 39
O.T. 36
O.T. 33
O.T. 30
O.T. 27
O.T. 24A
24
O.T. 23
O.T. 20
17
14
O.T. 11
O.T. 8
W.T. 5
F.P.
TWO COMPENSATION BRACKETS EACH SIDE
NOTE:- DEEP TRANSVERSE WEB FRAMES WHERE MARKED T.
NOTE:- FOR ARRANGEMENT OF QUARTERS SEE Dr 173-202-B.
STEAM
TILLER
PETTY OFFICERS' MESS
3RD. ASS'T. ENGR.
2ND. ASS'T. ENGR.
1ST. ASS'T. ENGR.
GALLEY
PANTRY
PANTRY STORES
ENGINE HATCH
OFFICERS' MESS
STEWARD
CHIEF ENG.
TONNAGE OPENING
LIGHTENED BULKHEAD UNDER
WOODEN COVERS
3 QUARTER-MASTERS
CARPENTER & BOATSWAIN
SPARE ROOM
PASSAGE
LOCKER
3RD. OFFICER
OFFICERS' BATH
LINEN LOCKER
2ND. OFFICER
HOSPITAL
SPARE ROOM
1ST. OFFICER
UP
WOODEN COVERS
CARGO HOLD HATCH
BREAK WATER
COMP HATCH
SHELTER DECK
WIRELESS ROOM
CAPT'S OFFICE
DOWN
CAPT'S BATH
CAPT'S ROOM
BRIDGE DECK
3 BOYS
3-OILERS 1-STOREKEEPER
CREWS' MESS
2 COOKS
P.O.S.' W.C.
9-FIREMEN
FIREMENS' W.C.
W.T. HATCH
M.H.
GALLEY COAL BOX
STEWARDS' STORES
DAILY REFRIGERATOR
COLD STORAGE
MACHINIST & PUMPMAN
ENGRS. W.C.
ENGRS. BATH
10-SEAMEN
SEAMENS' W.C.
PAINT ROOM
MATES LOCKER
UP
WINDLASS
W.T. HATCH
CARPENTER SHOP
LAMP ROOM
UPPER DECK
STORES
FRESH WATER
FRESH WATER
FRESH WATER
ICE MACHINE
ENGR'S STORE
GALLERY
RESERVE BUNKER
CROSS BUNKER
COFFERDAM
COFFERDAM
WING NO. 5
WING NO. 4
WING NO. 3
WING NO. 2
WING NO. 1
PUMP ROOM
COFFERDAM
COFFERDAM
LOWER DECK

LENGTH OVERALL, ABOUT	485'-0"
LENGTH BETWEEN PERPS	468'-0"
BEAM MOULDED	62'-6"
DEPTH TO SHELTER DECK	39'-6"
DEPTH TO UPPER DECK	32'-0"

26-27 L.D.L.
11 J-16
28 M-10 1
29 5 1
21-F-16
30 S-10 1
11 AP-16
31 HOLMES
7 JE-16
32-33 MAIL 2
20 JE-16
34 LIB 1
35 9 1
19 S-16
36 W 1
15-N-16

1-2 G.R.-CO.
3-6 LLOYDS
7 5 1
8 9 1
9 S-10 1
10 M-10 1
11 LIB 1
19-O-15
12-15 LLOYDS
16 4 1
17 18 9 2
19 20 M-10 2
21 S-10 1
22 LIB 1
4 19 DEC 15
23 S-10
20 D-15
24 MAIL
30 D-15
25 MR. HOLMES

37 HOLMES
9-MY-17
38 59 1
1 JE-17
39-5-1
23 J 1-17
40 MAIL 1
5 JY-17
41 MAIL 1
8 AG-17

GENERAL ARRANGEMENT

BULK OIL STEAMER
SCALE 1/16" = 1 FT. MADE BY G.A.R. DATE 18 OCT. 15
NEW YORK SHIPBUILDING COMPANY
CAMDEN, NEW JERSEY, U.S.A.

Dr. 173-202-A.

E. H. Rigg NAVAL ARCHITECT

015142-015152-0111

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Lloyd's Register Foundation

50/17441

Midship Section

New York S B Corpn

No 173

N/N RAMAN
EX
S. "Gulf of Mexico"

Pha Rpt No 26224

NEW YORK SHIPBUILDING
CAMDEN, N.J., U.S.A.
BLUE PRINT ROOM
Print No. 5
Made AUG 8 1917
For Dep't MAIL

015172-015182-0112

TABLE FOR WEBS.

Fr. No	Tie Plate	Trans Bhd Stiff "A"	Trans Bhd Stiff "B"	Trans Bhd Stiff "C"	Trans Web To Shell	Trans Web To ℄ Bhd.
8 } 9 }	36"	36"	36"	36"		
10					41"	34"
11	48"	42"	32"	37"		
12					38"	34"
13					38"	34"
14	48"	39"	29"	34"		
15					37"	34"
16					36"	34"
17	48"	37"	27"	32"		
18					34"	34"
19					34"	34"
20	48"	37"	27"	32"		
21					34"	34"
22					34"	34"
23	48"	37"	27"	32"		
24	48"	37"	27"	32"		
25					34"	34"
26					34"	34"
27	48"	37"	27"	32"		
28					34"	34"
29					34"	34"
30	48"	37"	27"	32"		
31					34"	34"
32					34"	34"
33	48"	37"	27"	32"		
34					34"	34"
35					34"	34"
36	48"	37"	27"	32"		
37					34"	34"
38					34"	34"
39 } 40 }	36"	36"	36"	36"		

NOTE:— WEBS ON #8 & 9 AND 39 & 40 ARE TIED TOGETHER WITH SWASH PLATES.

RIVETING

		Dia. of Rivet.	Max. Sp. Dias.
Trans.	All rivets below Upper Deck (Except Wing Oil Sp.)	7/8"	—
	" " above " " (And in " " ")	3/4"	—
	Clip ∠s to Trans.	Dia. above	5
	Face ∠s "	"	6
	Butts of Trans Pltg.	"	4
O.T. Bhds.	Seams & Butts of Pltg	7/8"	3½
	Boundry ∠s	7/8"	5
	Horizontal Stiffs 9-10-11-12	7/8"	5
	Other "	7/8"	6
	Face ∠s to Vertical Stiffs	7/8"	6
	Vertical Stiffs to Bhds	7/8"	4
	Boundry ∠s in Stiffs	7/8"	4
℄ Bhd.	O.T. Throughout Seams and Butts.	7/8"	3½
	Boundry ∠s Trans & ℄ Bhds.	7/8"	5
	Trans Frames to ℄ Bhd	7/8"	5
Ex. Tr. Bhd	O.T. Throughout Butts of Pltg.	3/4"	3½
	Boundry ∠s Stagger.	3/4"	5
	Trans Bhd ∠s	3/4"	5
	Web Stiffener Clip (Both Legs)	3/4"	5
	Longitudinals	3/4"	6
Floors	Boundry & Clip ∠s to W.T. Floors	7/8"	4½
	" " " " O.T. "	7/8"	5
	Vertical ∠s Connecting Floors to Side Girders	7/8"	7
Inner Bott.	Seams & Butt Laps	7/8"	4
	Boundry ∠s to O.T. Bhds	7/8"	5
	" " " Shell O.T.	7/8"	5
	" " " W.T.	7/8"	4½
	N.W.T. Floors to I.B.	7/8"	5
	W.T " " "	7/8"	4½
	O.T " " "	7/8"	4½
	Inner Bottom O.T. in Bunker, W.T. in E & B Space	—	—
Lower Dk.	O.T. 3/5 L - W.T. Elsewhere	—	—
	Seams & Butts Pltg. O.T.	3/4"	3½
	" of " W.T.	3/4"	4½
	Butts " " W.T.	3/4"	4
	Boundry ∠s O.T. & W.T.	3/4"	5
	" " & Longls N.W.T	3/4"	6
	Connection to Trans	3/4"	5
	Butts of 22# Pltg	7/8"	3½
Upper Dk.	O.T. 3/5 L - W.T. Elsewhere.	—	—
	O.T. Butts of 22# Pltg.	7/8"	3½
	O.T. " " 22# " to 18#	7/8"	3½
	Other O.T. Butts & Seams	3/4"	3½
	W.T. Seams of Pltg.	3/4"	4½
	W.T. Butts Laps	3/4"	4
	Stringer ∠ to Deck.	3/4"	4½
	Boundry ∠ " "	3/4"	5
	Trans to Deck	3/4"	5
	Longls " "	3/4"	6
	℄ Bhd ∠ to Deck	7/8"	5
Shelter Dk	W.T. Throughout	—	—
	Boundry ∠s 3/5 L Ends	7/8" 3/4"	5
	Connection to Trans 3/5 L Ends	7/8" 3/4"	5
	Seams of Deck Pltg 3/5 L Ends	7/8" 3/4"	4½
	Longls to Deck 3/5 L Ends	7/8" 3/4"	6
	Q.R. Butt Laps & T.R.B.L.	1"	4
	Stringer ∠ to 32# Pltg.	1"	4½
	" " " Other "	7/8"	4½
Shell.	Lower Deck Str. ∠ to Shell	7/8"	5
	Upper " " ∠ " "	1	5
	℄ Bhd ∠s to Keel	1⅛	5
	Bilge Keel to Shell	7/8"	5

To Class ✠ 100 A1 At Lloyds.

Longl Framing — To Carry Oil in Bulk.

PRINCIPAL DIMENSIONS.

Length Over All	485'-0"
" Bet. Perps	468'-6"
Beam, Molded	62'-6"
Depth to Shelter Deck, Molded.	39'-6"
" " Upper " "	32'-0"
" " Lower " "	24'-6"

LLOYDS NUMERALS.

Transverse No.	9450
Longitudinal No.	44273
Equipment No.	47090

$\frac{L}{D} = 11.86$

ANCHORS, CHAINS & LINES.

1 Bower Anchor Stockless		8125#
1 " " "	Ex. Stock	7775#
1 " " "		7300#
1 Stream "	Ex. Stock	2350#
1 Kedge "	" "	1100#

300 Fathoms 2½" Stud Chain

120 " 5¼" Wire

130 " 6" "

8" Hawser & Warping (2 Each of 100 Fathoms Each)

Stem 11" × 3"

Propeller Post 11" × 9"

Rudder Post 9" × 9½"

" Plate 47.3# Pintles 6¾" Dia.

" Head 14¼" Dia. Speed 11 Knots.

Frame Spacing 24" in Peaks 28" Under Engines.

Transverse Frames 9'-4" in Oil Spaces

Framing in Peaks 8" × 3½" × 19.3# B.A. Web Pl. 20.4#

1 LIB 1
2 5 1
3 M/10 1
4 S/10 1
2. F. 17.
5 MAIL 1
8 AG. 17

FINAL PLAN.

MIDSHIP SECTIONS AND TYPE PLANS

Scale ½" = 1 Ft Made By L.D.H Date 25-Jan-17

NEW YORK SHIPBUILDING CORPORATION
CAMDEN, NEW JERSEY, U.S.A.

DR-167-201-D

E. H. Rigg
Naval Architect.